



Form PTO 948 (Rev. 04/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 9/612,40X

### NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 7-7-00 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.

Color drawings are not acceptable until petition is granted.

Fig(s) \_\_\_\_\_

Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

2. PHOTOGRAPHS. 37 CFR 1.84(b)

1 full-tone set is required. Fig(s) \_\_\_\_\_

Photographs may not be mounted. 37 CFR 1.84(e)

Poor quality (half-tone). Fig(s) \_\_\_\_\_

3. TYPE OF PAPER. 37 CFR 1.84(e)

Paper not flexible, strong, white, and durable.

Fig(s) \_\_\_\_\_

Erasures, alterations, overwritings, interlineations,

folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_

Mylar, velum paper is not acceptable (too thin).

Fig(s) \_\_\_\_\_

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawing sheets not the same size.

Sheet(s) \_\_\_\_\_

Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) \_\_\_\_\_

Top (T) \_\_\_\_\_ Left (L)

Right (R) \_\_\_\_\_ Bottom (B)

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

Partial views. 37 CFR 1.84(h)(2)

Brackets needed to show figure as one entity.

Fig(s) \_\_\_\_\_

Views not labeled separately or properly.

Fig(s) \_\_\_\_\_

Enlarged view not labeled separately or properly.

Fig(s) \_\_\_\_\_

7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)

Hatching not indicated for sectional portions of an object.

Fig(s) \_\_\_\_\_

Sectional designation should be noted with Arabic or

Roman numbers. Fig(s) \_\_\_\_\_

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

9. SCALE. 37 CFR 1.84(k)

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

10. CHARACTER OF LINES, NUMBERS, & LETTERS.

37 CFR 1.84(j)

Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).

Fig(s) \_\_\_\_\_

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig(s) \_\_\_\_\_

Solid black shading not permitted. Fig(s) \_\_\_\_\_

Shade lines, pale, rough and blurred. Fig(s) \_\_\_\_\_

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.

37 CFR 1.84(p)

Numbers and reference characters not plain and legible.

Fig(s) \_\_\_\_\_

Figure legends are poor. Fig(s) \_\_\_\_\_

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)

Fig(s) \_\_\_\_\_

English alphabet not used. 37 CFR 1.84(p)(2)

Figs \_\_\_\_\_

Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)

Fig(s) \_\_\_\_\_

13. LEAD LINES. 37 CFR 1.84(q)

Lead lines cross each other. Fig(s) \_\_\_\_\_

Lead lines missing. Fig(s) \_\_\_\_\_

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

Sheets not numbered consecutively, and in Arabic numerals

beginning with number 1. Sheet(s) \_\_\_\_\_

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals.

beginning with number 1. Fig(s) \_\_\_\_\_

16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not made from prior PTO-948

dated \_\_\_\_\_

17. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate. Fig(s) \_\_\_\_\_

Solid black shading not used for color contrast.

Fig(s) \_\_\_\_\_

COMMENTS APPLICANT MUST REMOVE THE PATENT INFORMATION  
FROM THE TOP OF EACH SHEET.

REVIEWER J. CHASE DATE 3-21-02 TELEPHONE NO. 703 305 8430

ATTACHMENT TO PAPER NO. \_\_\_\_\_



Ssp I

6358 TCATCAAAATATTTAGCAGCATTCAGATTGGTTCAA  
TCAACAAGGTACGAGCCATATCACTTTATTCAAATTGG  
TATCGCCAAAACCAAGGAAGGAAGTCCCATCCTCAAAGG  
TTTGTAAGGAAGAAATTCTCAGTCCAAGCCTCAACAAG  
GTCAGGGTACAGAGTCTCCAACCATTAGCCAAAAGCT  
ACAGGAGATCAATGAAGAAATCTTCAATCAAAGTAAACT  
ACTGTTCCAGCACATGCATCATGGTCAGTAAGTTTCAG  
AAAAGACATCCACCGAAGACTTAAAGTTAGTGGGCAT  
CTTTGAAAGTAATCTTGTCAACATCGAGCAGCTGGCTT  
GTGGGACCAGACAAAAGGAATGGTGCAGAAATTGTT  
AGGCGCACCTACCAAAAGCATCTTTGCCTTTATTGCAA  
AAGATAAGCAGATTCTCTAGTACAAGTGGGGAACAA

**FIGURE 1A**

AMENDED



Title: Glyphosate Tolerant Plants  
Inventors: Gerard Francis Barry et al.  
Serial No.: 09/612,404  
Docket No.: 11914.0140.NPUS00

AAATAACGTGGAAGAGCTGTCTGACAGCCCACTCAC  
TAATGCCGTATGACGAACGCAGTGACGACCAAAAGAA  
TTTTCCCTCTATATAAGAAGGCATTTCATTCCTCATTTG  
AAGGATCATCAGATACTAACCAATATTCTC 6954  
SspI

**FIGURE 1B**  
AMENDED



Title: Glyphosate Tolerant Plants  
Inventors: Gerard Francis Barry et al.  
Serial No.: 09/612,404  
Docket No.: 11914.0140.NPUS00

1 NCATGGACGTCTGATCGAAATCGTCGTTACCGCAGCAAGTAAGCACGCCGAATTTTAT  
61 CACCTACCGGAAACGGTGGCTAGGCAGCGAGAGACTGTCCGGCTCCGGGGAGCATCCTA  
M ("MET120")

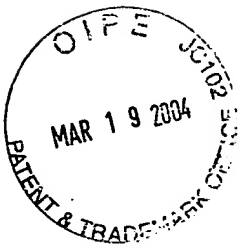
121 TGTCTGAGAACCAAAAGTAGGCATCGCTGGAGCCGGAATCGTCGGCGTATGCACGG  
S E N H K K V G I A G A G I V G V C T A

181 CGCTGATGCTTCAGCGCCGGATTCAAAGTCACCTTGATTGACCCGAACCTCCTGGCG  
L M L Q R R G F K V T L I D P N P P G E

241 AAGTGATCGTTTGGGAATGCCGGATGCTTCAACGGCTCATCCGTCCCTATGTCCA  
G A S F G N A G C F N G S S V V P M S M

## FIGURE 2A

AMENDED



301  
TGCCGGGAAACTTGACGAGCGTGCCGGAAGTGGCTCCTTGACCCGATGGGGCCGTTGTCAA  
P G N L T S V P K W L L D P M G P L S I

361  
TCCGGTTCAGCTATTTCCAACCATCATGCCCTGGTTGATTGCTTTCTGTAGCCGGAA  
R F S Y F P T I M P W L I R F L L A G R

421  
GACCAACAAGGTGAAGGAGCAGGCGAAAGCACTCCGCAATCTCATCAAGTCCACGGTGC  
P N K V K E Q A K A L R N L I K S T V P

481  
CTCTGATCAAGTCATTGGCGGAGGAGGCTGATGCGAGCCATCTGATCCGCCATGAAGGTC  
L I K S L A E E A D A S H L I R H E G H

541  
ATCTGACCGTATATCGTGGAGAAGCAGACTTCGCCAAGGACCGCGAGGTTGGGAACCTGC  
L T V Y R G E A D F A K D R G G W E L R

**FIGURE 2B**

AMENDED



Title: Glyphosate Tolerant Plants  
Inventors: Gerard Francis Barry et al.  
Serial No.: 09/612,404  
Docket No.: 11914.0140.NPUS00

601  
GGCGTCTCAACGGTGTTCGCACGCAGATCCTCAGCGCCGATCGGTTGCGGGATTTCGATC  
R L N G V R T Q I L S A D A L R D F D P

661  
SphI  
CGAACTTGTCGATGCGTTTACCAAGGCGATTCTTATAGAAGAACGGTCACAGATTA  
N L S H A F T K G I L I E E N G H T I N

721  
EcoRI  
ATCCGCAAGGCTCGTGACCCCTCTTGTTCGGCGTTTATCGCGAACGGTGGCGAATTCG  
P Q G L V T L L F R R F I A N G G E F V

781  
TATCTGCGGTGTCAATCGGCTTTGAGACTGAAGGTAGGCGCTTAAAGGCATTACAACCA  
S A R V I G F E T E G R A L K G I T T T

## FIGURE 2C

AMENDED



Title: Glyphosate Tolerant Plants  
Inventors: Gerard Francis Barry et al.  
Serial No.: 09/612,404  
Docket No.: 11914.0140.NPUS00

841  
CGAACGGCGTTCTGTGGCCGTTGATGCAGCCGTTGTGCGAGCCGGCGCACACTCGAAATCAT  
N G V L A V D A A V V A A G A H S K S L

901  
EcRV  
TTGCTAATTCGCTAGCGATGACATCCCGCTCGATACCGAACGTGGATATCATATCGTCA  
A N S L G D D I P L D T E R G Y H I V I

961  
TCGCGAATCCGGAAGCCGCTCCACGCATTCCGACGACCGATGCGTCAGGAAAATTCATCG  
A N P E A A P R I P T T D A S G K F I A

1021  
CGACACCTATGGAAATGGGGCTTCGCGTGGCGGGTACGGTTGAGTTCGCTGGGCTCACAG  
T P M E M G L R V A G T V E F A G L T A

## FIGURE 2D

AMENDED



1081  
CCGCTCCTAACTGGAAACGTGCGCATGTGCTCTATACGCACGCTCGAAACTTCTTCCAG  
A P N W K R A H V L Y T H A R K L L P A

1141  
CCCTCGCGCCTGCGAGTTCTGAAGAACGATATTCCAAATGGATGGGTTCCGGCCGAGCA  
L A P A S S E E R Y S K W M G F R P S I

1201  
TCCCGGATTGCTCCCCGTGATTGGCCGGCAACCCGGACACCCGACGTAATCTATGCTT  
P D S L P V I G R A T R T P D V I Y A F

1261  
NCOI  
Saci  
TCGGCCATGTCATCTCGGCATGACAGGGCGCCGATGACCGCAACGCTCGTCTCAGAGC  
G H G H L G M T G A P M T A T L V S E L

## FIGURE 2E

AMENDED





Title: Glyphosate Tolerant Plants  
Inventors: Gerard Francis Barry et al.  
Serial No.: 09/612,404  
Docket No.: 11914.0140.NPUS00

1321  
TCCTCGCAGGCGAAAGACCTCAATCGACATTTCGCCCTTCGCACCAACCGCTTTGGTA  
L A G E K T S I D I S P F A P N R F G I

1381  
ScaI  
TTGGCAAATCCAAGCAACGGTCCGGCAAGTTAAGTACTTACGCGGTCTGTGAGTACAGC  
G K S K Q T G P A S \*

1441  
GCAGAGCCGGTGTCAAGATCAATCTGCACCTCGCAATCACCTCGGAGACGCGAAATGGCG  
1501  
CAAATAGAACACATATTAACGAGTCACGCCCCGAGCCCTTTGGGTCACTACAGTCAGGCG

1561  
GCCCAGCGGTGGATTCAATTCATGTTTCCGGTCAGCTTCGGATCAAACCAAGGCCAG

**FIGURE 2F**  
AMENDED



Title: Glyphosate Tolerant Plants  
Inventors: Gerard Francis Barry et al.  
Serial No.: 09/612,404  
Docket No.: 11914.0140.NPUS00

1621  
TCGGAGCAATCTGACGATCTCGTCGATAACCAGGCCAGTCTCGTTCTCCGGAATTGCTG

1681  
XhoI  
GCCGTACTCGAG

**FIGURE 2G**

AMENDED



1 fMet  
AGATCTCCATGGCTGAGAACCAACAAAAGTAGGCATCGCTGGAGCCGGA  
T  
---  
51  
ATCGTCGGCGTATGCACGGCGCTGATGCTTCAGCGCCGGATTCAAAGT  
T T T T A T T  
101  
CACCTTGATTGACCCGAACCCCTCCTGGCGAAGGTGCATCGTTTGGGAATG  
151  
CCGGATGCTTCAACGGCTCATCCGTCGTCCTATGTCCATGCGCGGAAAC

FIGURE 3A

AMENDED



201 . . . . .  
TTGACGAGCGTGCCGAAGTGGCTCCTTGACCCGATGGGGCCGTTGTCAAT

251 . . . . .  
CCGGTTCAGCTATTTTCCAAACCATCATGCCCCTGGTTGATTGCGCTTCTGT

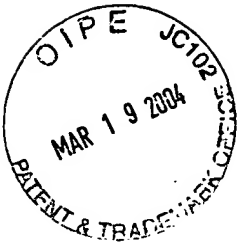
301 . . . . .  
TAGCCGGAAGACCAACAAGGTGAAGGAGCAGCGGAAAGCACTCCGCAAT

351 . . . . .  
CTCATCAAGTCCACGGTGCCCTCTGATCAAGTCATTGGCGGAGGAGGCTGA

401 . . . . .  
TGCAGCCATCTGATCCGCCCATGAAGGTCACTGTACCGTATATCGTGGAG

**FIGURE 3B**

AMENDED



451  
AAGCAGACTTCGCCAAGGACCGCGGAGGTTGGGAACCTGCGGCGTCTCAAC  
501  
GGTGTTCGCACGCAGATCCTCAGCGCCGATGCGTTGCGGATTTCCGATCC  
TCT T T  
551  
GAACTTGTCGCATGCGTTTACCAAGGCGATTCTTATAGAAAGAACGGTC  
T  
601  
ACACGATTAAATCCGCAAGGGCTCGTGACCCCTCTTGTTTCGGCGTTTATC

## FIGURE 3C

AMENDED



651 . . . . .  
GCGAACGGTGGCGAATTGTATCTGCGCGTGTCAATCGGCTTTGAGACTGA  
T

701 . . . . .  
AGGTAGGGCGCTTAAAGGCATTACAACCAACGACGCGGTTCTGGCCGTTG  
C T T C T T T

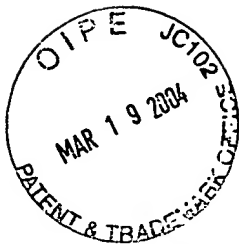
751 . . . . .  
ATGCAGCGGTTGTCCGAGCCGGCGCACACTCGAAATCACTTGCTAATTCG  
T T T T T

801 . . . . .  
CTAGCGGATGACATCCCGCTCGATACCGAACGTGGATATCATATCGTCAT

FIGURE 3D

AMENDED





1051

AAGAACGATATTCCAAATGGATGGGTTCCGGCCGAGCATCCCGGATTCT  
T T T T T T T

1101

CTCCCCGTGATTGGCCGGCAACCCGGACACCCGACGTAATCTATGCTTT  
T A T T T T

1151

CGGCCACGGTCATCTCGGCATGACAGGGCGCCGATGACCCGCAACGCTCG  
T T T T T A T T

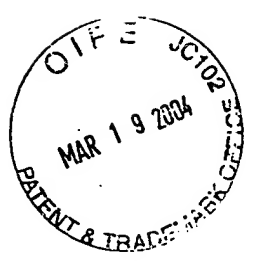
1201

TCTCAGAGCTCCTCGCAGGCGAAAGACCTCAATCGACATTTGCCCCCTTC

**FIGURE 3F**

AMENDED





1251

GCACCAAACCGCTTTGGTATTGGCAAATCCAAGCAAACGGGTCCGGCAAG

1301

TTAAGTGGGAATTCAAGCTTG

---

FIGURE 3G

AMENDED



Title: Glyphosate Tolerant Plants  
Inventors: Gerard Francis Barry et al.  
Serial No.: 09/612,404  
Docket No.: 11914.0140.NPUS00

1  
AGATCTCCATGGCTGAGAACCAACAAAAAGTAGGCATCGCTGGAGCCGGA  
G G T T T  
51  
ATCGTCGGCGTATGCACGGCGCTGATGCTTCAGCGCCGCGGATTCAAAGT  
T T T T T A T T G  
101  
CACCTTGATTGACCCGAAACCCCTCCCTGGCGAAGGTGCATCGTTTGGGAATG  
T A A A T T T C T C  
151  
CCGGATGCTTCAACGGCTCATCCGTGTCCTCCCTATGTCCATGCCGGGAAC  
T T T C T T A A

FIGURE 4A

AMENDED



Title: Glyphosate Tolerant Plants  
Inventors: Gerard Francis Barry et al.  
Serial No.: 09/612,404  
Docket No.: 11914.0140.NPUS00

201  
TTGACGAGCGTGCCGAAGTGGCTCCTTGACCCGATGGGCGGTTGTCAAT  
T T A T A T A C

251  
CCGGTTCAGCTATTTTCCAACCATCATGCCCTGGTTGATTGCGTTTCTGT  
T C T CT C

301  
TAGCCGGAAGACCAACAAGGTGAAGGAGCAGGCCGAAAGCACTCCGCAAT  
T T A T G T C

351  
CTCATCAAGTCCACGGTGCCCTCTGATCAAGTCAATTGGCGGAGGAGGCTGA  
T T C T

**FIGURE 4B**

AMENDED



401  
T G C G A G C C A T C T G A T C C G C C A T G A A G G T C A T C T G A C C G T A T A T C G T G G A G  
T C T T C T C T G C

451  
A A G C A G A C T T C G C C A A G G A C C G C G G A G G T T G G A A C T G C G G C G T C T C A A C  
T T T

501  
G G T G T T C G C A C G C A G A T C C T C A G C G C C G A T G C G T T G C G G A T T T C G A T C C  
T T A T A T A T

551  
G A A C T T G T C G C A T G C G T T T A C C A A G G G C A T T C T T A T A G A A G A A C G G T C  
T T C C A C C

**FIGURE 4C**

AMENDED



601  
ACACGATTAATCCGCAAGGCTCGTGACCCCTCTTGTTTCGGCGTTTATC  
C C C A T T T C

651  
GCGAACGGTGGCGAATTGTATCTGCGCGTGTCAATCGGCTTGAGACTGA  
T A G C G T T A C

701  
AGGTAGGCGCTTAAAGGCATTACAACACGACGCGTTCGGCCGTTG  
C T T C G T C C C T T T

751  
ATGCAGCGGTTGTCGACGCGCGCACACTCGAAATCACTTGCTAATTCG  
T T T T C G T C C

FIGURE 4D

AMENDED



801  
CTAGGCGATGACATCCCGCTCGATACCGAACGTGGATATCATATCGTCAT  
T T AT G C C G

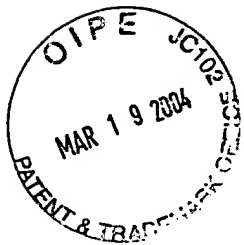
851  
CGCGAATCCGGAAGCCGCTCCACGCATTCCGACGACCGATGCGTCAGGAA  
C C A T T A T T T

901  
AATTCATCGCGACACCTATGGAAATGGGGCTTCGCGTGGCGGTACGGTT  
G T T G T T T A C

951  
GAGTTCGCTGGGCTCACAGCCGCTCCTAACTGGAAACGTGCGCATGTGCT  
T T T G T C T

FIGURE 4E

AMENDED



1001  
CTATACGCACGCTCGAAACTTCTTCCAGCCCTCGCGCCTGCGAGTTCTG  
C T T GT G T T C  
1051  
AAGAACGATATTCCAAATGGATGGGTTCCGGCCGAGCATCCCGGATTCTG  
T C G T T A A C  
1101  
CTCCCCGTGATTGGCCGGCAACCCGGACACCCGACGTAATCTATGCTTT  
T A T T T T A T C  
1151  
CGGCCACGGTCATCTCGGCATGACAGGGCCGCGATGACCGCAACGCTCG  
T C T T T A C

FIGURE 4F

AMENDED



Title: Glyphosate Tolerant Plants  
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Serial No.: 09/612,404  
Docket No.: 11914.0140.NPUS00

1201

TCTCAGAGCTCCTCGCAGGCGAAAGACCTCAATCGACATTTTCGCCCTTC  
T T T G T C T A

1251

GCACCAACCGGTTTGGTATTGGCAAATCCAAGCAACGGGTCCGGCAAG  
T C T G T T TC

1301

TTAAGTGGGAATTCAAGCTTG  
C

**FIGURE 4G**

AMENDED



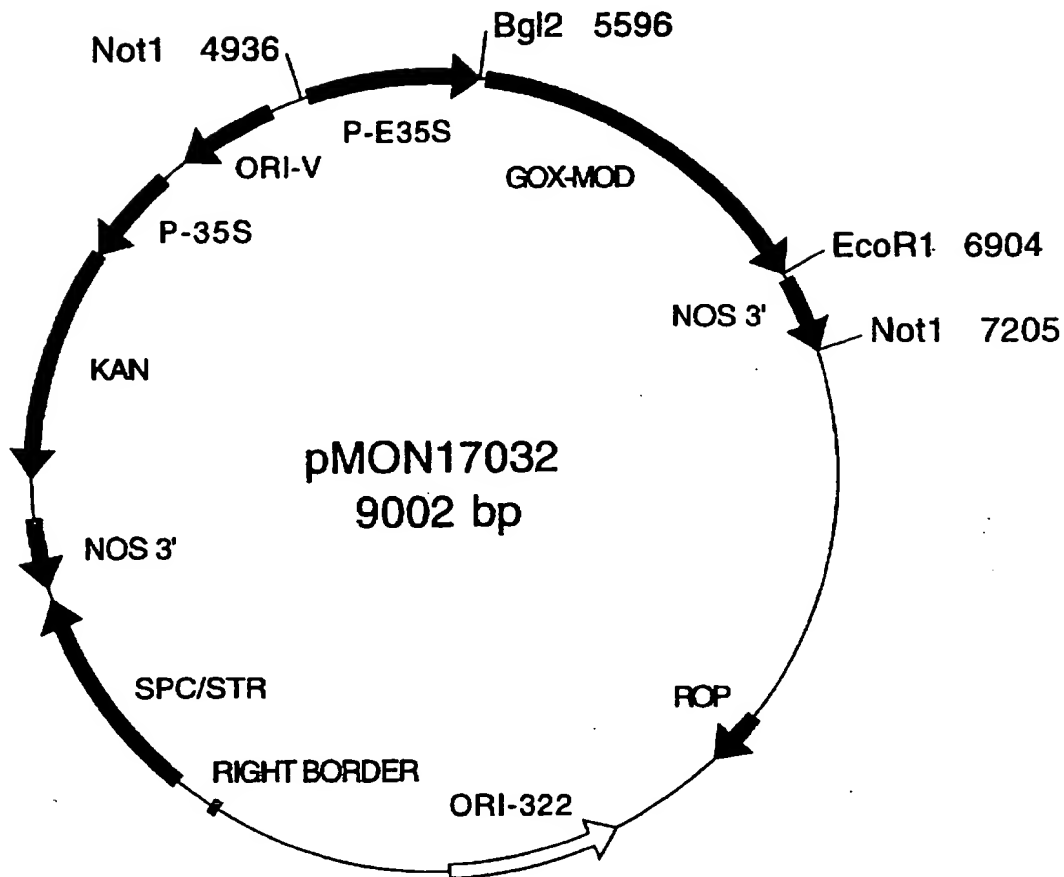
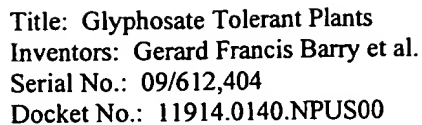


Figure 5

AMENDED



MetAlaSerSerMetLeuSerSerAlaThrMetValAlaSerPro

GCTCAGGCCACTATGGTCGCTCCTTTCAACGGACTTAAGTCCTCCGCTGCCCTTC

CGAGTCCGGTGATACCAGCGAGGAAAGTTGCCCTGAATTCAGGAGCGGACGGAAG

57 - - - - - + - - - - - + - - - - - + - - - - - + - - - - - + - - - - - + 110

AlaGlnAlaThrMetValAlaProPheAsnGlyLeuLysSerAlaAlaPhe

## FIGURE 6A

AMENDED



111 CCAGCCACCCGCAAGGCTAACACGACATTACTTCCATCACAAGCAACGGCGGA 164  
GGTCGGTGGCGCTCCGATTGTTGCTGTAATGAAGGTAGTGTTCGTTGCCCGCCT  
ProAlaThrArgLysAlaAsnAsnAspIleThrSerIleThrSerAsnGlyGly  
165 AGAGTTAACTGCATGCAGGTGTGGCCCTCCGATTGGAAAGAAGAGTTTGAGACT 218  
TCTCAATTGACGTACGTCCACACCGGAGGCTAACCTTTCTTCTTCAAACCTCTGA  
ArgValAsnCysMetGlnValTrpProProIleGlyLysLysLysPheGluThr  
219 CTCTCTTACCTTCCCTGACCTTACCGATTCCGGTGGTCCGCTCAACTGCATGCAG 272  
GAGAGATGGAAGGACTGGAATGGCTAAGGCCACCGCAGTGTGACGTACGTC  
LeuSerTyrLeuProAspLeuThrAspSerGlyGlyArgValAsnCysMetGln

FIGURE 6B

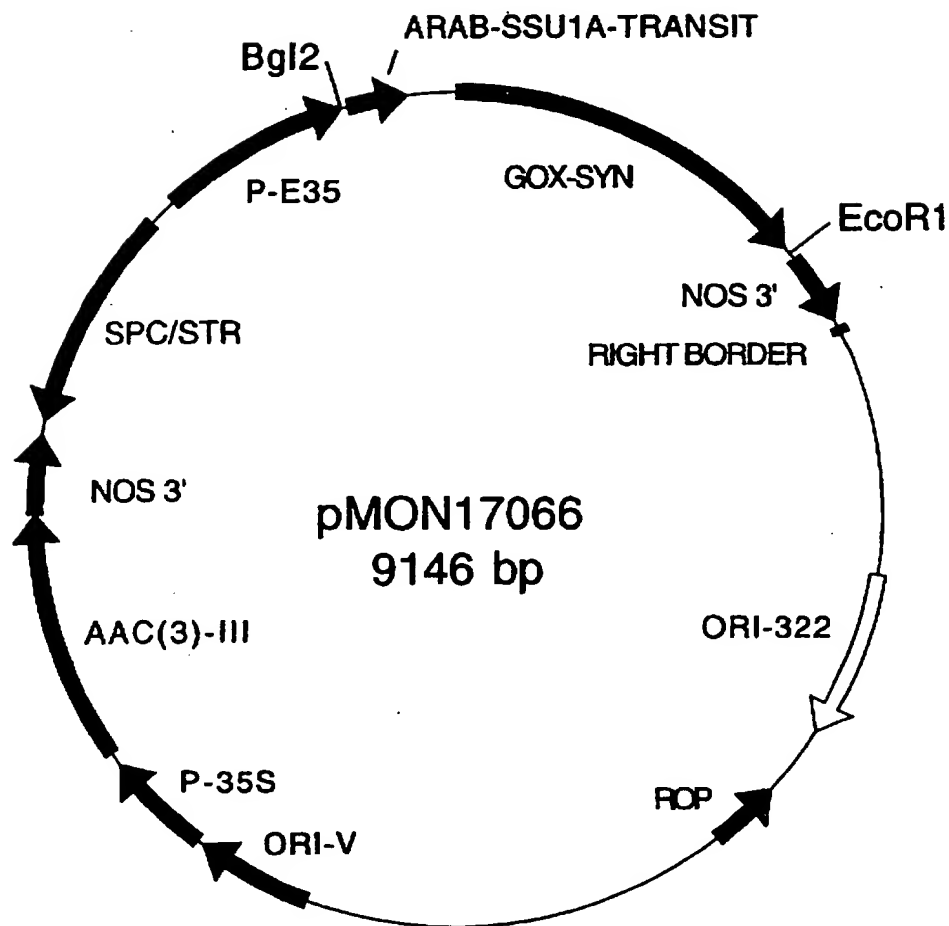
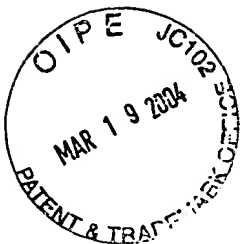
AMENDED



Title: Glyphosate Tolerant Plants  
Inventors: Gerard Francis Barry et al.  
Serial No.: 09/612,404  
Docket No.: 11914.0140.NPUS00

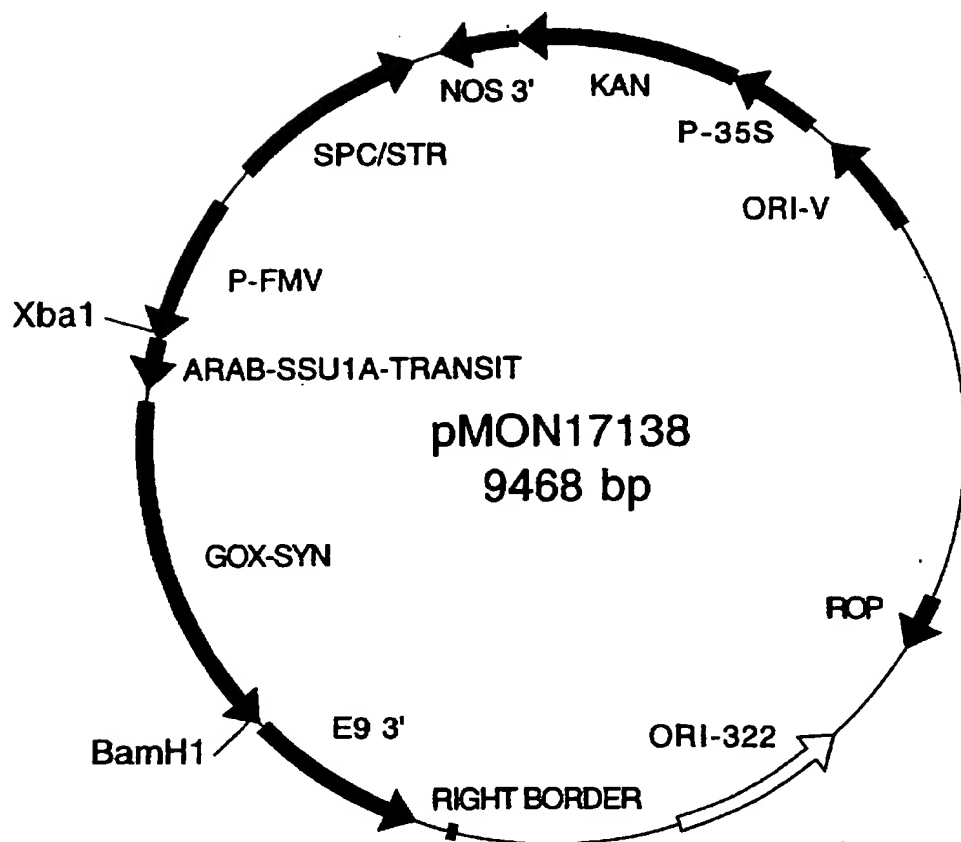
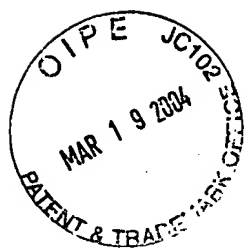
N C O I  
GCCATGG  
273 -----+ 279  
CGGTACC  
AlaMet

**FIGURE 6C**  
AMENDED



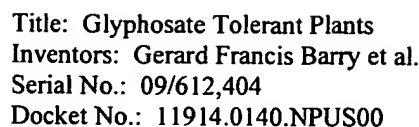
**Figure 7**

AMENDED



**Figure 8**

AMENDED



**FIGURE 9A**

AMENDED

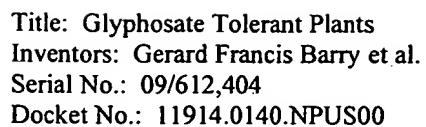


165 AAATCTCCCTTATCGGTTTCTCTGAAGACGCAGCAGCATCCACGAGCTTATCCG 218  
-----+-----+-----+-----+-----+-----+-----  
TTTAGAGGGAATAGCCAAAGAGACTTCTGCGTCGTCGTAGGTGCTCGAATAGGC  
  
LysSerProLeuSerValSerLeuLysThrGlnGlnHisProArgAlaTyrPro  
  
219 ATTCGTCGTCGTGGGATTGAAGAAGAGTGGGATGACGTTAATTGGCTCTGAG 272  
-----+-----+-----+-----+-----+-----+-----  
TAAAGCAGCAGCACCCCTAACTTCTTCTCACCCCTACTGCAATTAAACCGAGACTC  
  
IleSerSerSerTrpGlyLeuLysLysSerGlyMetThrLeuIleGlySerGlu

**FIGURE 9B**

AMENDED





CTTCGTCCCTTAAGGTCATGTC'TTCTGT'TTCCACGGCGTGCATGC

GAAGCAGGAGAAATCCAGTACAGAAGACAAGGTGCCGCACGTACG

LeuArgProLeuLysValMetSerSerValSerThrAlaCysMet

**FIGURE 9C**

AMENDED

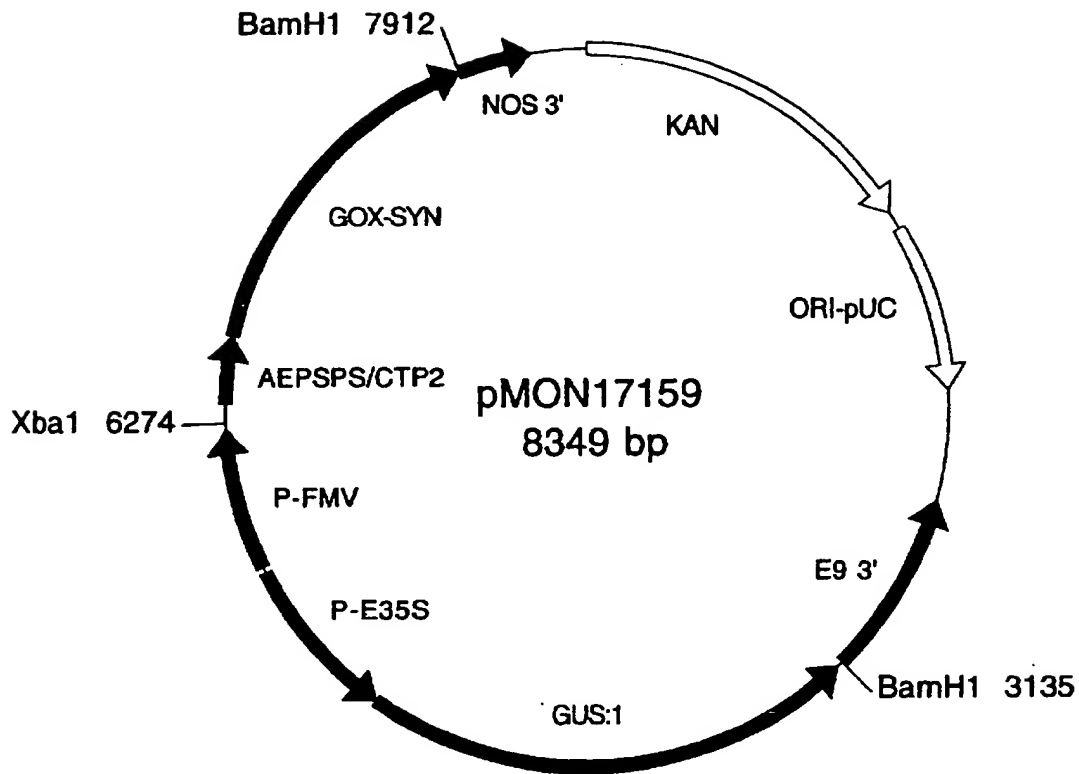
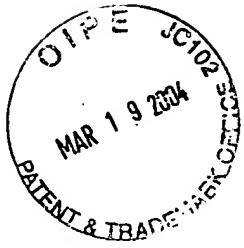


Figure 10

AMENDED

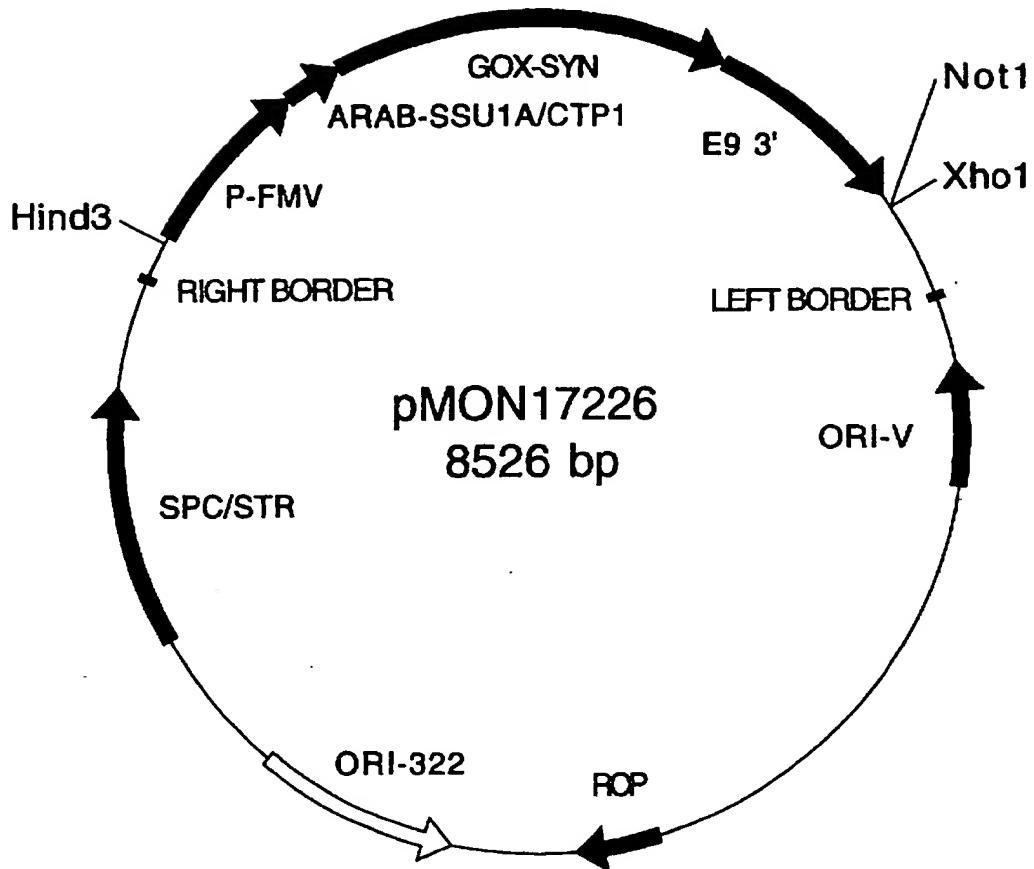


Figure 11

AMENDED

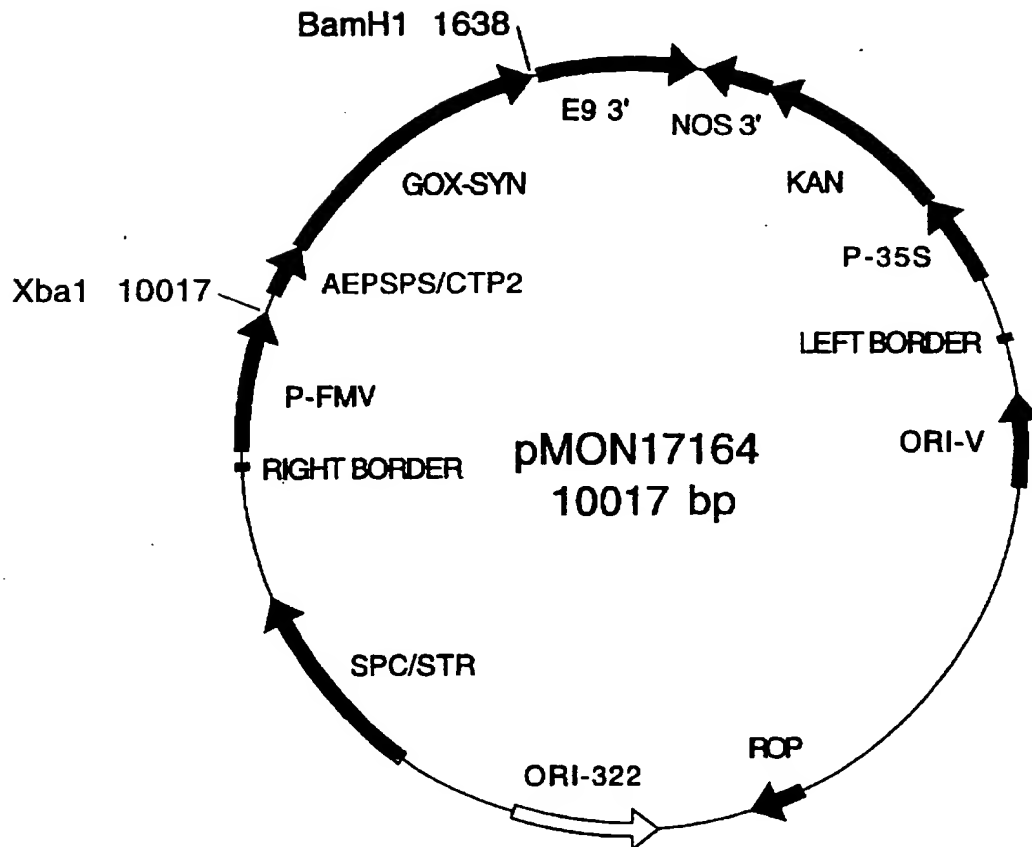
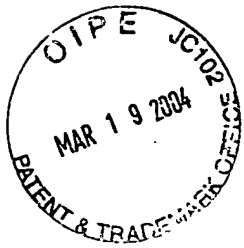


Figure 12

AMENDED

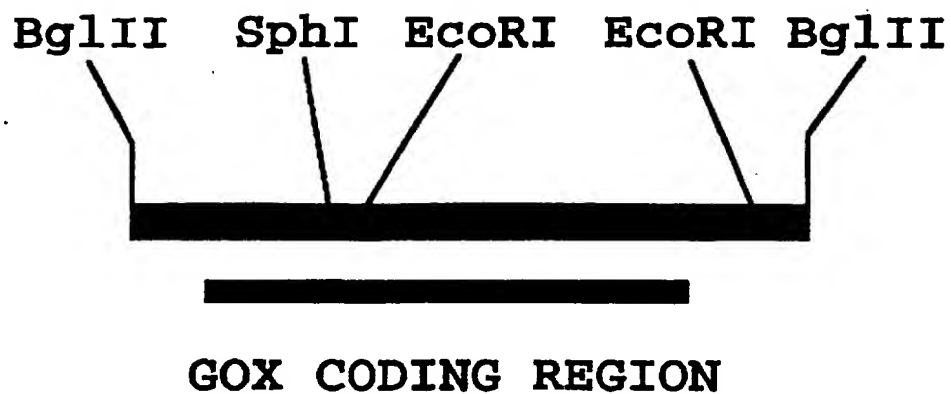


Figure 13

AMENDED